

**Job:**

**Location:**

**Schedule No.:**

**System Designation:**

**Engineer:**

**Architect:**

**Location:**

**Date:**

**For:      Reference      Approval      Review      Construction**

## High-Static Concealed Ducted Indoor Unit

### FEATURES

- Built-in condensate pump
- Smart pressure control system
- Convenient installation
- Refrigerant R-410A
- Five capacity sizes from 24,000 to 48,000 Btu/h

### WARRANTY

- 10-year limited warranty.\*See warranty for details.

### SPECIFICATIONS

#### PERFORMANCE

Cooling Capacity <sup>1</sup> (Btu/h)	24,000
Heating Capacity <sup>1</sup> (Btu/h)	27,000
Airflow (CFM)      Low/Medium/High	494/671/812
External Static Pressure (in. w.g.)	0.12~0.79
Sound (dBA)      Low/Medium/High	29/33/37

#### ELECTRICAL DATA

Power Supply (Volts/Hertz/Phase)	208-230/60/1
Minimum Circuit Ampacity (MCA) (A)	2.41
Maximum Overcurrent Protection (MOP) (A)	15
Cooling Power Input <sup>2</sup> (W)	90
Cooling Rated Current (A)	0.7
Heating Power Input <sup>2</sup> (W)	90
Heating Rated Current (A)	0.7
Fan Motor Output x n (W)	153 x 1

#### DIMENSIONS

Unit Dimensions (in)	Width	47-1/4
	Height	9-13/16
	Depth	27-9/16
Liquid Pipe Connection (in) (I.D.)		3/8
Gas Pipe Connection (in) (I.D.)		5/8
Net Weight (lb)		77.2
Shipping Weight (lb)		87.1

### OPTIONAL ACCESSORIES

VSTAT02P-1 Touch Screen Wired Controller	37P79
VSTAT04P-1 Individual Wired Controller	37Y74
VSTAT01P-1 Wireless Remote Controller	37Y73
V1FBX02-4P, VHI024-030 & VMD018 Filter Box	38B56



### NOTES

1. Specification may be subject to change without prior notice.
2. Mode : HP(Heat Pump), HR(Heat Recovery)
3. Capacities are based on (Equivalent refrigerant piping 25ft, Level differences 0ft);  
- Cooling : Indoor temperature 80°F DB, 67°F WB / Outdoor temperature 95°F DB, 75°F WB - Heating : Indoor temperature 70°F DB, 60°F WB / Outdoor temperature 47°F DB, 43°F WB
4. Sound pressure level is a relative value, depending on the distance and acoustic environment. Sound values are obtained in an anechoic room.
5. Select wire size based on the value of MCA.

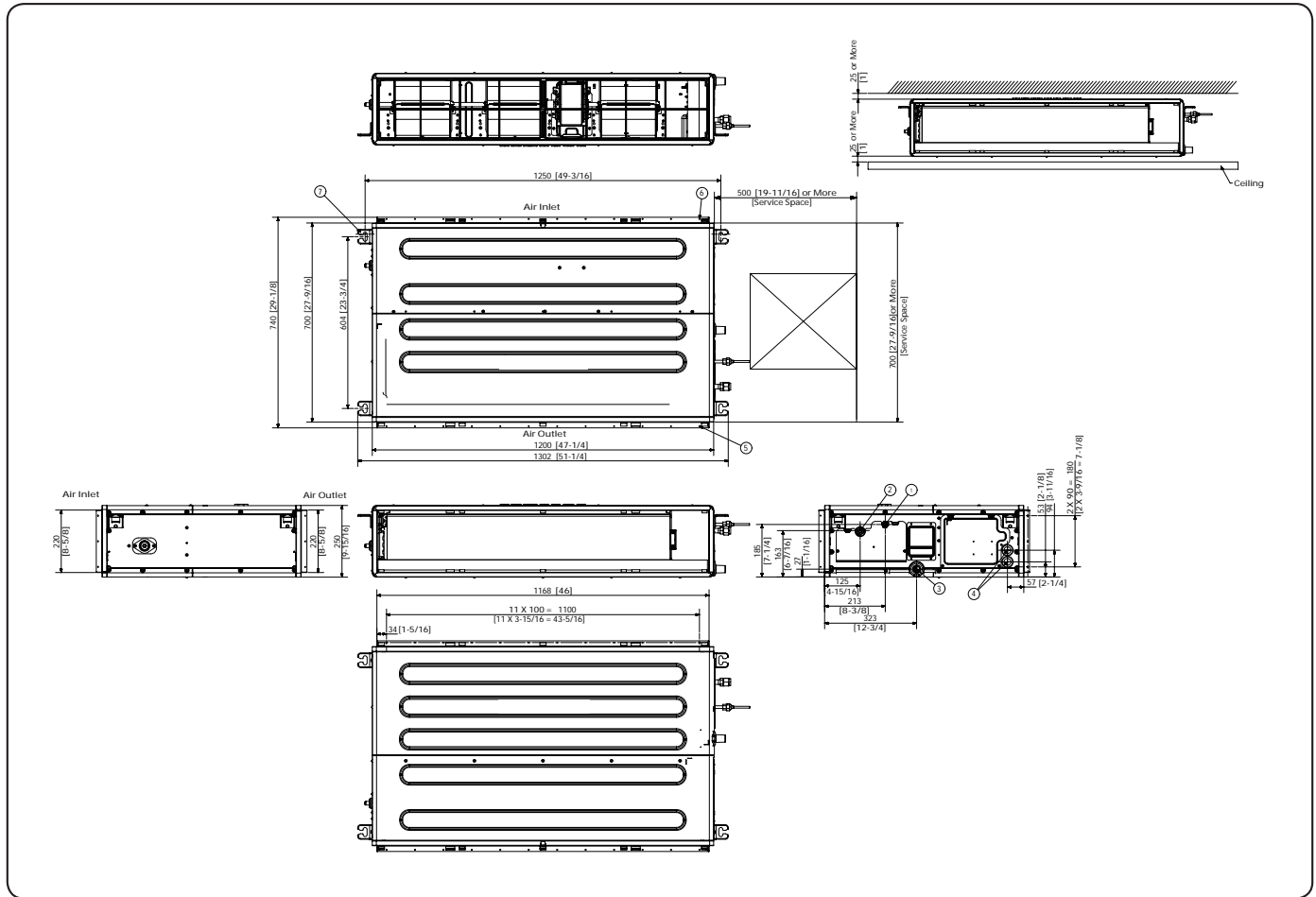


# SUBMITTAL DATA - INDOOR UNIT

## VHIC024S4-4P

### High-Static Ducted

#### DIMENSIONAL DRAWINGS - MM (IN.)



No.	Name	Description	
		VMDC018S4-4P	VHIC024/027/030S4-4P
①	Refrigerant liquid pipe	Ø6.35 [1/4"] Flare connection	Ø9.52 [3/8"] Flare connection
②	Refrigerant gas pipe	Ø12.7 [1/2"] Flare connection	Ø15.88 [5/8"] Flare connection
③	Condensate drain	Nominal Size 3/4" (OD Ø1.05" (26.67 mm))	Nominal Size 3/4" (OD Ø1.05" (26.67 mm))
④	Power & Comm. wiring conduits	-	-
⑤	Supply air flange	-	-
⑥	Return air flange	-	-
⑦	Hook	-	-

NOTE – Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability.

Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury.

Installation and service must be performed by a qualified installer and servicing agency.

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